



**Desired boundaries of field maps in map coordinates:**

Map coordinates defined in [https://haldweb1.jlab.org/wiki/index.php/Tagger\\_Magnetic\\_Field\\_Mapping#Mapping\\_coordinate\\_system](https://haldweb1.jlab.org/wiki/index.php/Tagger_Magnetic_Field_Mapping#Mapping_coordinate_system)  
 y parallel to long axis of magnet  
 x parallel to short axis, positive in bend direction  
 origin at center of pole

**Boundaries of desired field maps**

Box	Map coordinates (cm)				Relative to closest edge (cm)			
	x_min	x_max	y_min	y_max	x_min	x_max	y_min	y_max
Entry	(one-dimensional)						-40	15
Main	-14.5	55.5	-309.6	331.6	-35	35	2	20
High-E exit	0.5	40.5	291.6	351.6	-20	20	-20	40

**Desired step sizes (cm)**

Box	x step	y step
Entry	N.A.	1
Main	1	2.5
High-E exit	2.5	1

Figure:

Dashed line = pole boundary (base of Rogowski profile, 40.991 by 623.166 cm)  
 Solid lines = map boxes  
 Dotted line = full-energy exit trajectory

Solid line at 1.55 degrees: focal plane

**Would like hand measurements along exit flange at intervals of approximately 50 cm (crosses) -- refer to position along flange**